

66477-012-5

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ) PATENT  
PERSSON, Fredrik et al. ) Group:  
Serial No.: based on PCT/SE99/02255 ) Examiner:  
Filed: June 4, 2001 ) ATTN: PCT

*See ok*  
*6/a*  
*11-6/02*

**Robot Device**

**PRELIMINARY AMENDMENT**

June 4, 2001

Box PCT  
Assistant Director for Patents  
Washington, D.C. 20231

Sirs:

Before examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please amend claims 1 to 11 as follows:

*a1*  
1. (Amended) Robot including at least one linkage device in which pull rods are arranged in a multi-joint system where the joints include three-axle ball and socket joints, wherein a bearing means is fixed so that the bearing means does not rotate in a housing in the socket of a joint, the housing including a surface against which the bearing means abuts and the surface being provided with friction-increasing means to increase friction between the surface and the bearing means.

2. (Amended) The robot according to claim 1, wherein the bearing means comprises an annular bearing means.